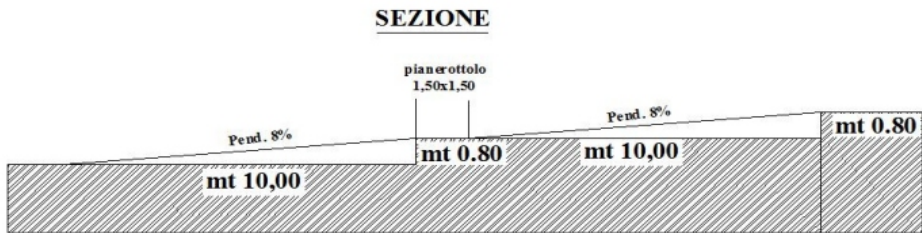


Ramps

DPR 24.07.1996 N. 503;
L 13/1989 and its D.M. 236/89

The slope of a ramp
It is not considerable accessible a difference in level superior to m. 3.20
if the only way is only a sequence of ramps.
The minimum width of a ramp is 0,90m, in order to give access to a
wheel chair; m,. 1,50 in order to have the passage of two people.
The ramp has to be interrupted after m. 10,00 with an horizontal plane
of m. 1,50x1,50, or 1,40 x1,70 in transversal way or 1,70m in
longitudinal way, besides the space to open some doors.



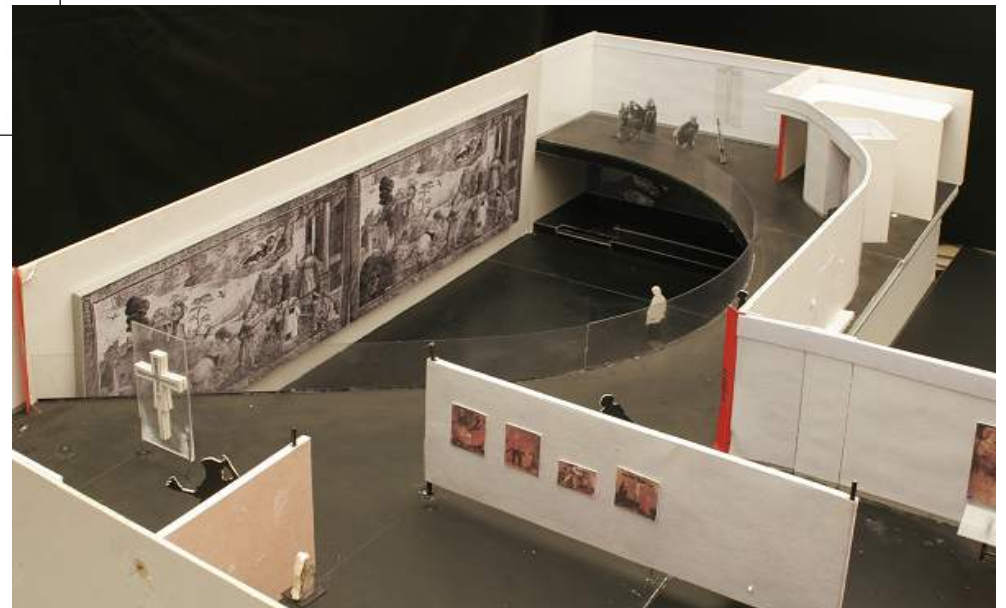
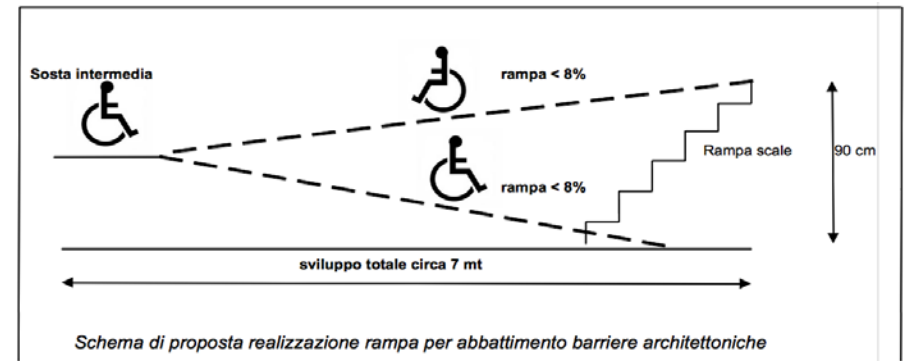
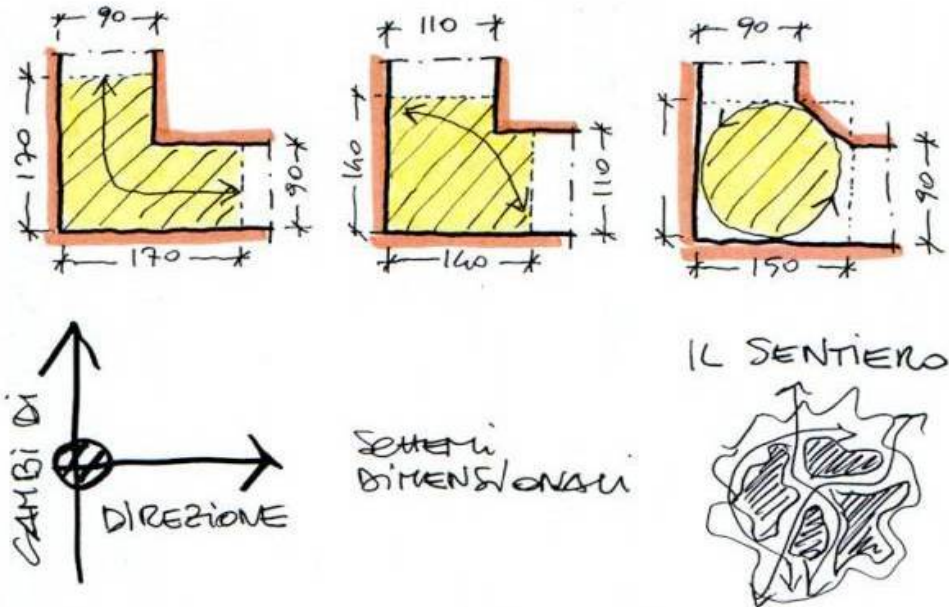
PERCENTUALE DI INCLINAZIONE

	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%
2,5	250	125	83	62	50	42	36	31	28	25	23	21	19	18	17
5	500	250	167	125	100	83	71	62	55	50	45	42	38	36	33
10	1000	500	333	250	200	167	143	125	111	100	91	83	77	71	67
15	1500	750	500	375	300	250	214	187	167	150	136	125	115	107	100
20	2000	1000	667	500	400	333	286	250	222	200	182	167	154	143	
25	2500	1250	833	625	500	416	357	313	278	250	227	208			
30	3000	1500	1000	750	600	500	429	375	333	300	273	250			
35	3500	1750	1167	875	700	583	500	438	389	350	318	292			
40	4000	2000	1333	1000	800	667	571	500	444	400	364				
45	4500	2250	1500	1125	900	750	643	583	500	450	410				
50	5000	2500	1667	1250	1000	833	714	625	556	500	454				
55	5500	2750	1833	1375	1100	917	786	688	611	550					
60	6000	3000	2000	1500	1200	1000	857	750	667						
65	6500	3250	2167	1625	1300	1083	928	813	722						
70	7000	3500	2333	1750	1400	1167	1000	875	778						
75	7500	3750	2500	1875	1500	1250	1071	937	833						
80	8000	4000	2667	2000	1600	1333	1143	1000	889						
85	8500	4250	2833	2125	1700	1417	1214	1062	944						
90	9000	4500	3000	2250	1800	1500	1286	1125	1000						
95	9500	4750	3167	2375	1900	1583	1357	1187							
100	10000	5000	3333	2500	2000	1667	1428	1250							
150	15000	7500	5000	3750	3000	2500	2143	1875							
200	20000	10000	6667	5000	4000	3333	2857	2500							
250	25000	12500	8333	6250	5000	4167	3571	3125							
300	30000	15000	10000	7500	6000	5000	4286	3750							
320	3200	16000	10667	8000	6400	5333	4571	4000							

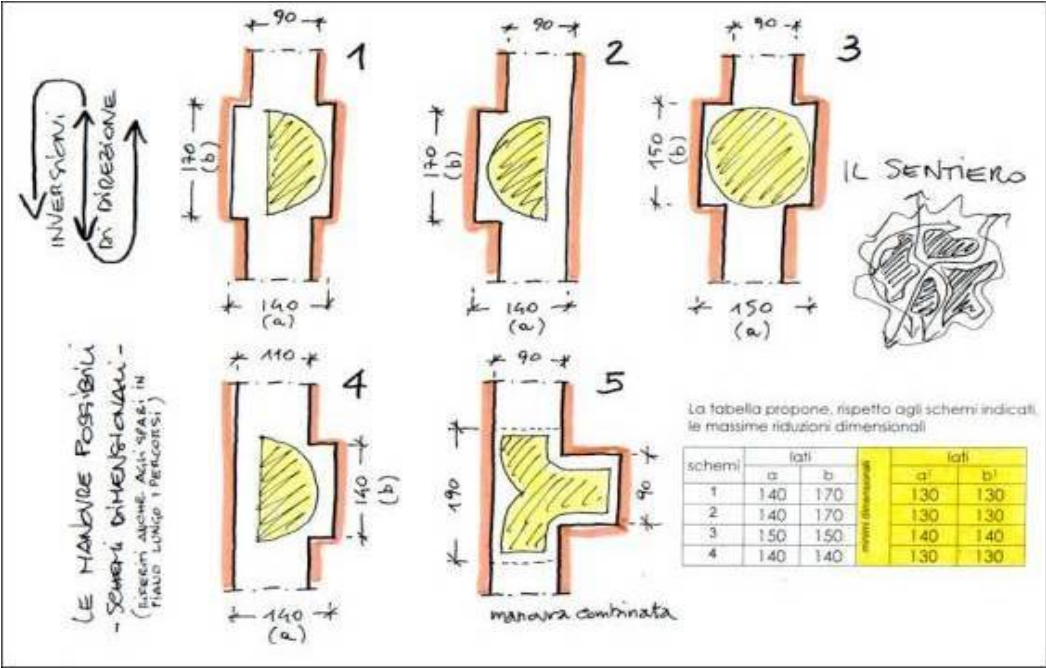
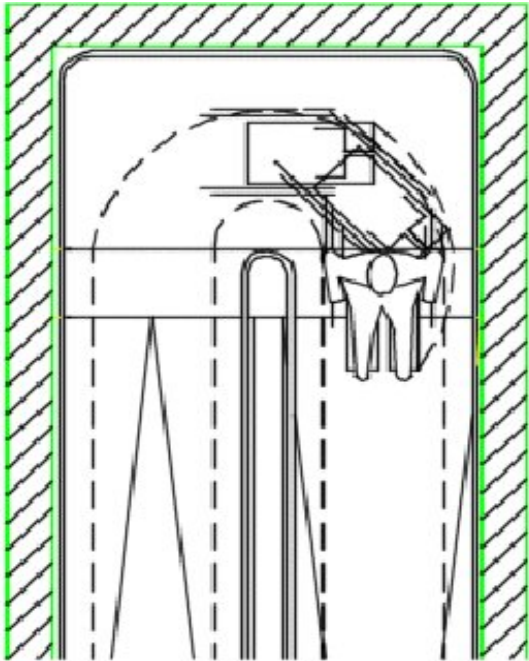
DISLIVELLO (cm.)

SVILUPPO LINEARE DEL PIANO INCLINATO
(le indicazioni contrassegnate da una retinatura prevedono ripiani di riposo)
Piano inclinato ogni 10 mt.
Piano inclinato ogni 15 mt.

Ramps



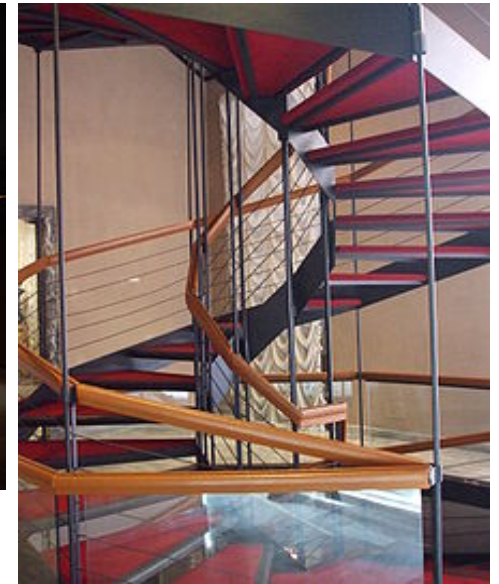
Ramps



Architectural barriers

DESIGN PROJECTS M - ARCH: DONATA BIGAZZI

Ramps

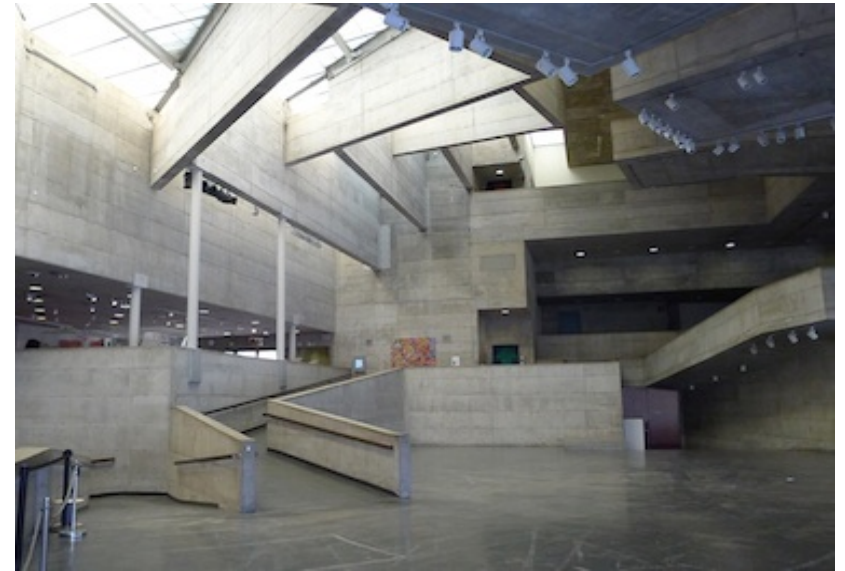
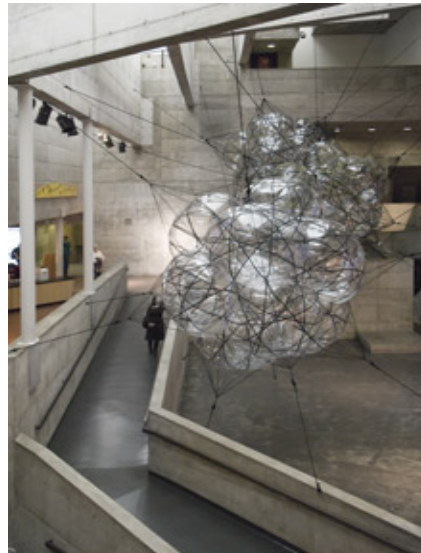
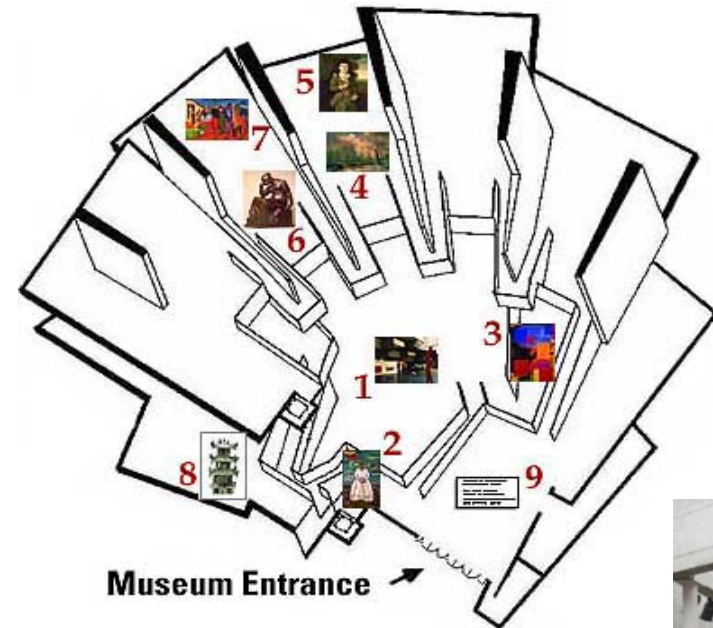


Franco Albini, Franca Helg: stair
in Palazzo Rosso – Genova Italy-
1952

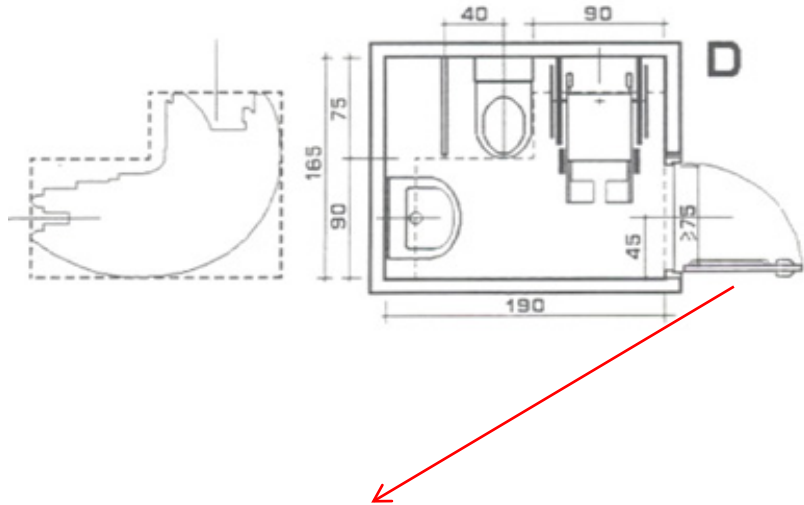
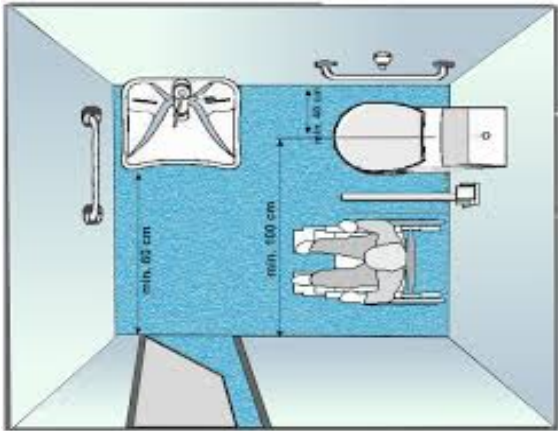
Architectural barriers

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Toyo Ito : Ramps in Berkeley museum- San Francisco USA



Toilets

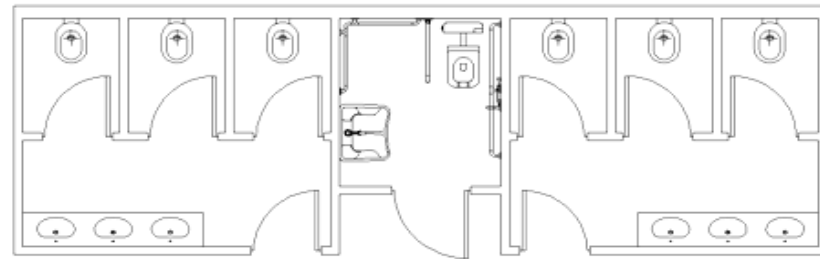
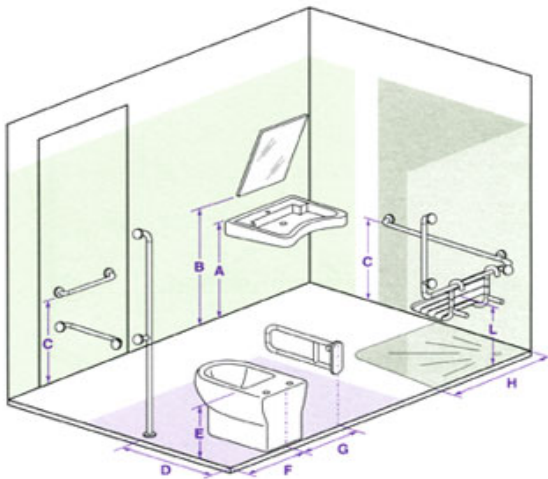


Door is opened to outside

Architectural barriers

DESIGN PROJECTS M - ARCH: DONATA BIGAZZI

Toilets

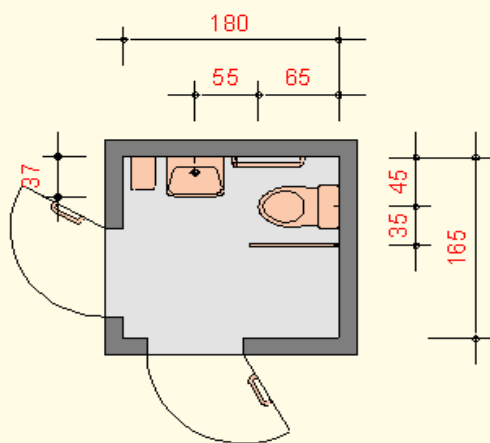


Door is opened to outside

Toilets

SIA 500

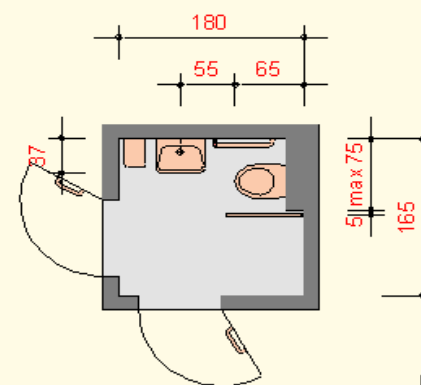
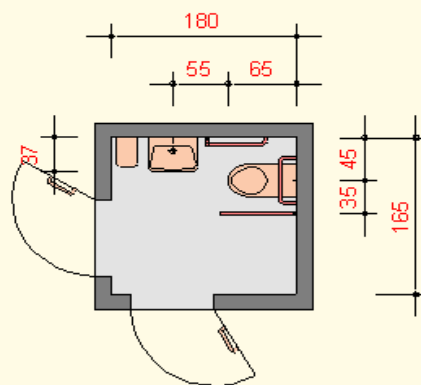
TOILETS



- Dimensions m.180x 1.65
- Dimensions door m. 0.80
- Door openable to outdoor
- Indications for Furniture

POSSIBILI VARIANTI

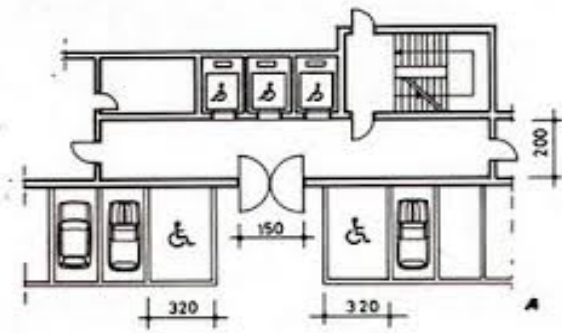
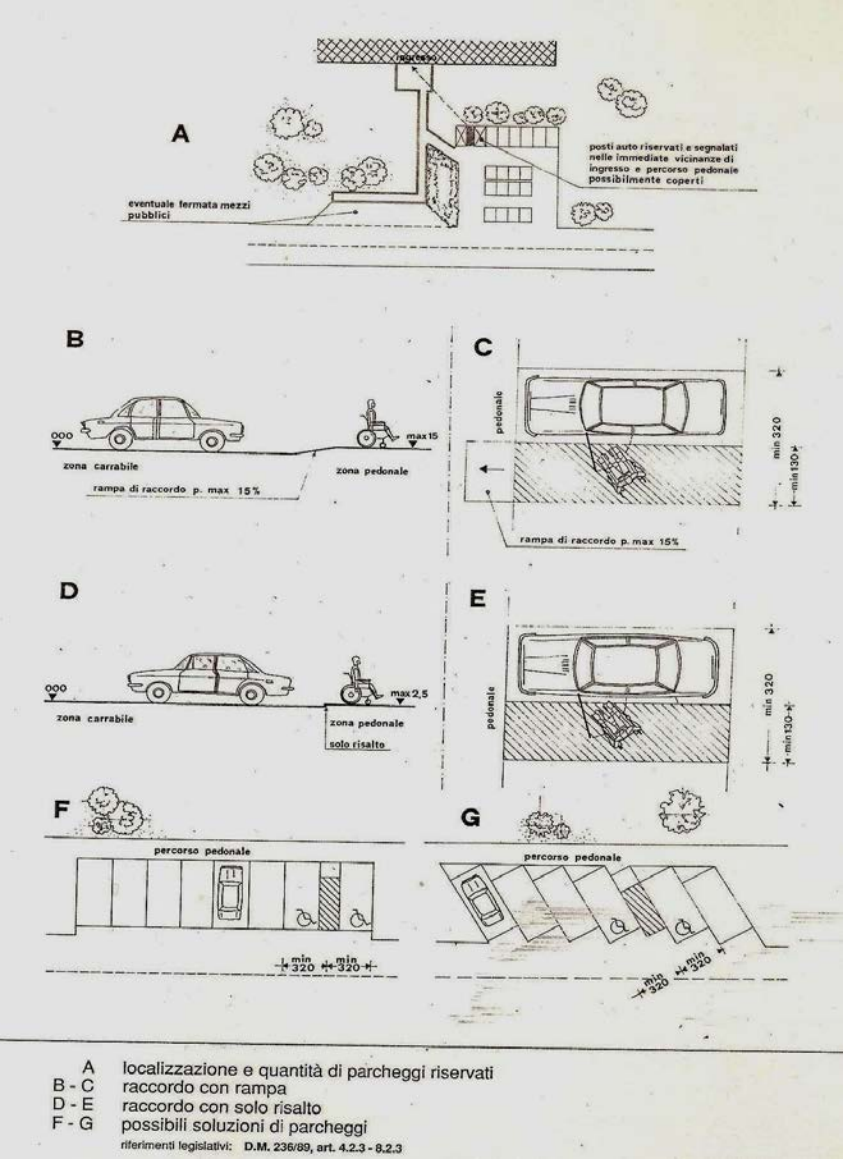
- WC lungo con cassetta sottomuro e schienale
- WC con cassetta sottomuro



Architectural barriers

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Parking

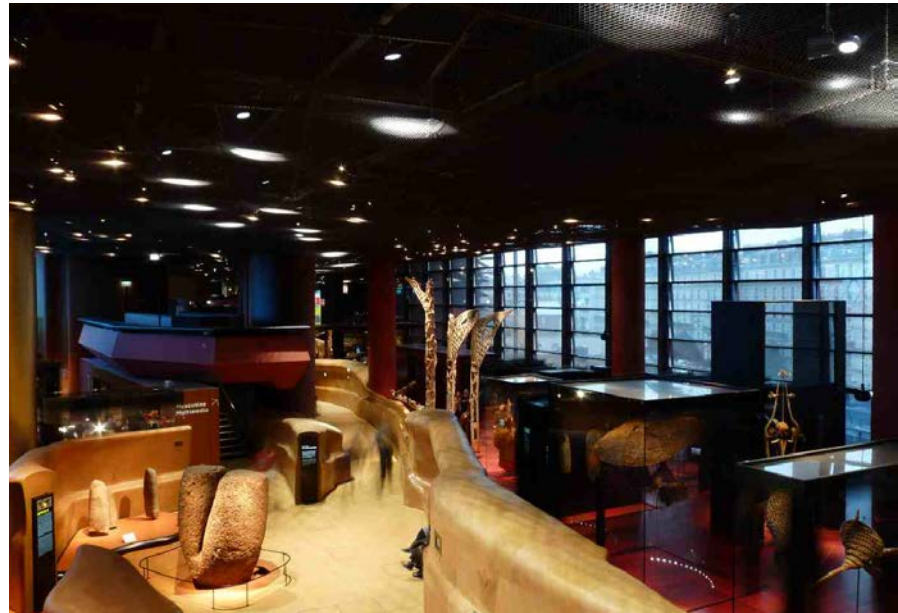


A cura di Leris Fantini **“Superare le barriere architettoniche , migliorando il comfort e la sicurezza”**, Maggioli editore 2003

Architectural barriers

Jean Nouvel : Musée du Quai Brandly-Paris

Tactile reference
Olfactory reference
Kinesthetic reference
Haptic reference



Architectural barriers

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Auditory reference

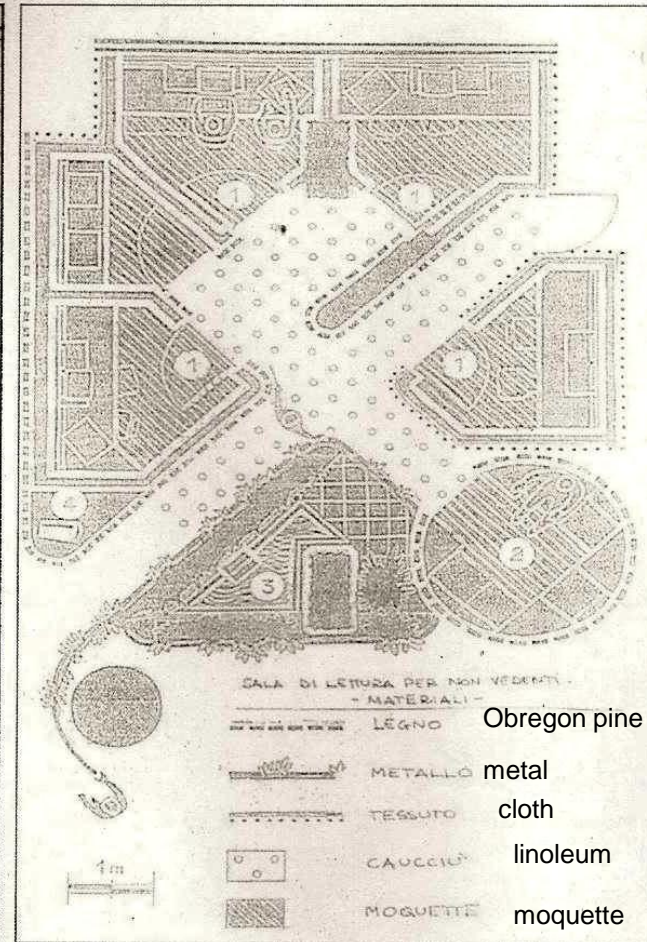
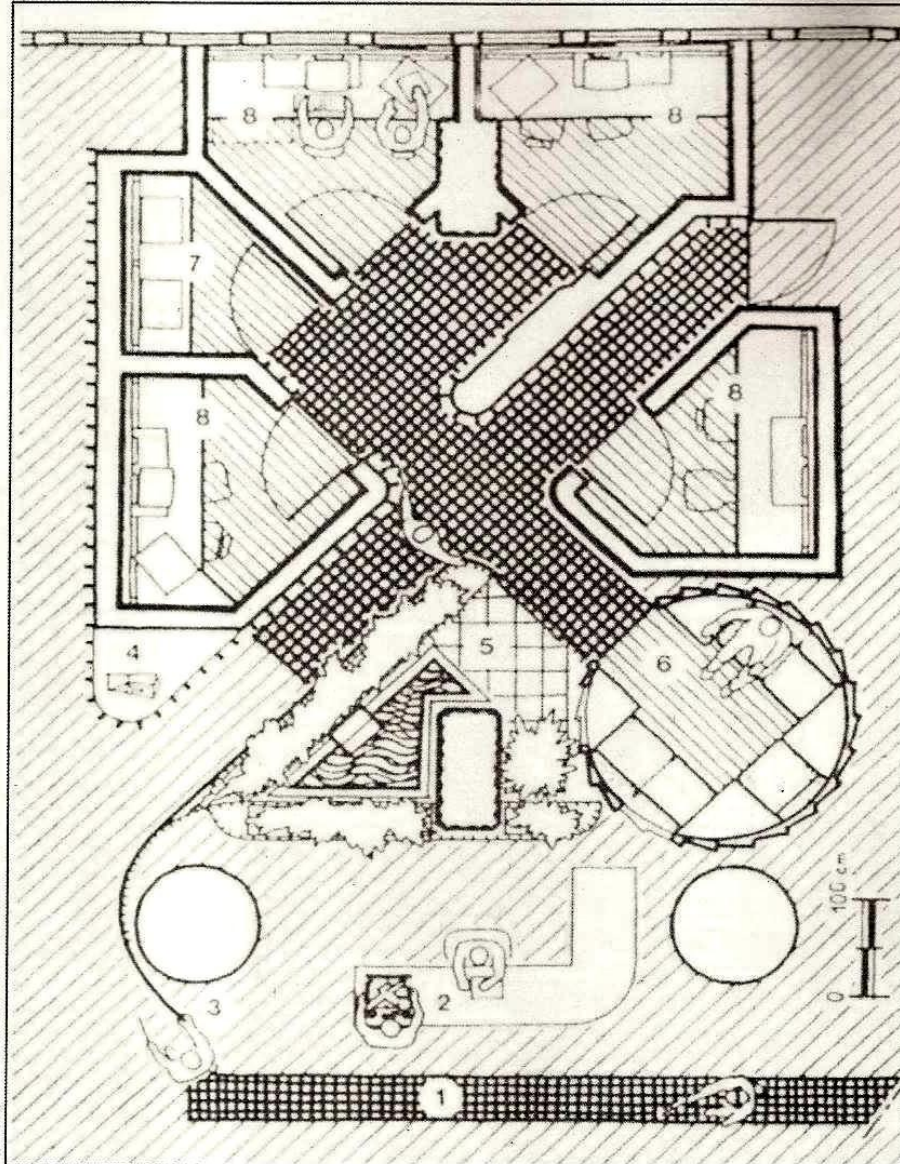


Museum village of San Sperate (Cagliari- Italy)
Sciola sound sculptures



Carlo Scarpa: Bioni's Grave

Mediateque de La villette - Chambre Louis Braille - Paris



Mediateca parco de la Villette,
Sala Louis Braille

- Two main axis
- Contrast in color
- several materials
- use of visual and tactile perception

Architectural barriers

DESIGN PROJECTS M - ARCH: DONATA BIGAZZI

The garden of 5 senses in Trieste



The garden of Rittmeyer institute in Trieste was inaugurated in 2005 and is one of the few examples in Italy for the visually impaired regarding size, functions and use of space. It aimed to explore the real possibilities of enjoying an open space in darkness. It also interpreted the important emotive meanings that this meeting place between family members and in- patients could express. The project presents a refined system of outdoor spaces studied to allow experimentation with the aim of increasing the autonomy of people with sight problems

